

**ABSTRACT OF THE DISCLOSURE**

A method for preventing data corruption in a Floppy Diskette Controller, which determines the potential for data loss and/or data corruption on the data transfer by 5 determining if, before each data transfer byte is read out or written in the floppy diskette in DMA mode, the maximum delay time for DMA request (DREQ) from the issue to the removal is greater than a specific value, and initializing a specific process by the computer system according to the 10 comparison result.